

The mid-web solution for short runs



GRAVURE PRINTING

EXPERT MW 60 | 80

Leading sustainability

The **MW 60 | 80** presses have been designed for market segments that need dedicated equipment for short or ultrashort run production. They feature a one-of-a-kind press design that makes their waste-saving performance and productivity truly unique. Their modular design, providing inline special applications for product enhancing and converting, makes configuration easy for a very comprehensive range of flexible materials, market segments and applications.

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Unique press design

Minimum waste for ultra short and short runs

BOBST Connect Essential, data and connectivity, **as standard**



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Creating value

BOBST innovations
are driven by customer
and brand owner needs.

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Safety

Food safety and brand protection are major requirements. Anti-counterfeiting and traceability are required across the entire supply chain.

Customization, versioning, personalization

Packaging needs to reach all segments of society taking almost any shape and size across multiple job lengths across the globe.

Color control and brand image

Color consistency and control across all substrates needs to be guaranteed for brands to look good across the globe.

Sustainability

Packaging production needs to reduce its environmental carbon footprint – less waste across the entire supply chain. New and thinner substrates. Recycling and re-use are the new rules.

Faster time-to-market

A growing number of products need to reach consumers faster. Product lifetime is shorter. From product design to the consumer experience, the supply chain has to be more agile.



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Unique press design

- Non-trolley type press
- Fully operated from floor level
- Exclusive sloped dryers
- Ideal solution for short and ultra-short runs
- High level of automation



Saving time and money

- 50% shorter web path than conventional gravure lines
- 47% less substrate wastage
- 60% less ink usage
- 20% reduction of printed reel cost
- TAPS and BOBST REGISTRON® register control systems guarantee minimum levels of waste
- Motorized exhaust recirculation damper reducing energy consumption
- Winders' energy recovery solution
- High efficiency twin flow dryers enabling shorter web path and low solvent retention on final product

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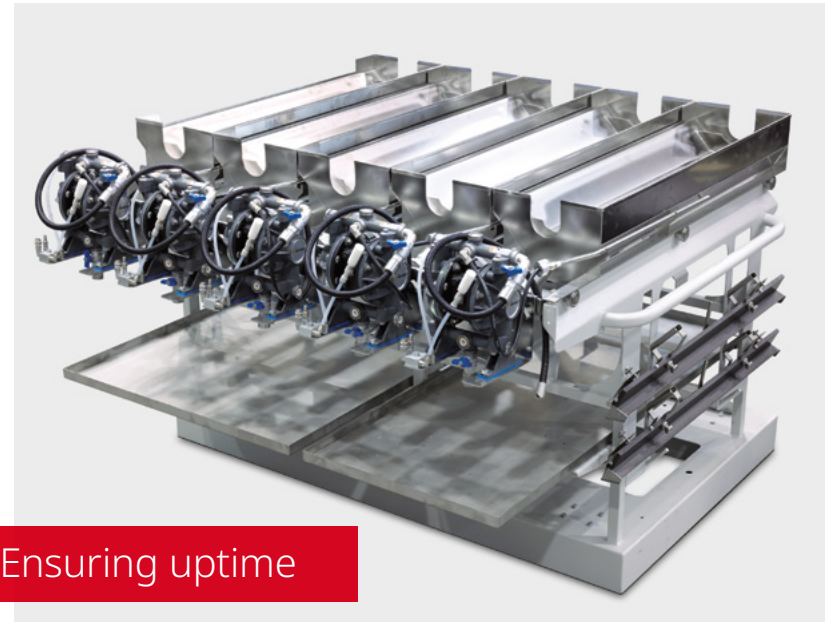
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Flexible and sustainable

- Wide choice of customization possibilities to cater for a broad spectrum of applications and market segments
- Complementary finishing applications inline with printing: UV or EB curing, die-cutting, lamination, reel-to-reel, reel-to-sheet or dual configuration
- Simplex or duplex winders
- On-board washing system
- Heat recovery system on each printing unit
- Accepts lightweight, traditional and hollow cylinders
- The shortest web path in the gravure market



Ensuring uptime

- Ultrafast job makeready and changeovers
- Front cylinder loading
- Possibility to change the printing cylinder without changing the ink, minimizing colour matching time
- Tool-less change of impression roller sleeve
- Automatic pre-setting of doctor blade
- Dedicated carts carrying multiple cylinders and inking systems with pumps
- TAPS system for fast and error-free pre-registration at the touch of a button
- Faster register correction at variable press speeds

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Perfect web handling

- Easy and effective web handling also on critical materials such as aluminium, PE, and shrinkable substrates
- No wrinkles even with critical/sensitive materials
- Fully automatic bi-directional reel splice at maximum production speed
- Certified idle and chilled rollers, engineered and manufactured in-house
- Best in-class sensitivity for idle and chilled rollers
- Close circuit chilled roller system for the entire material thickness range



Easy to operate

- Dryer hoods open towards the motor side for optimum access for web threading, cleaning and maintenance
- Noise level in the pressroom down to 80 dB(A)
- Advanced SPHERE Human Machine Interface (HMI) allows the operator to display and manage the status of all significant process parameters in real time
- HMI with common style and usability across all BOBST equipment



Connected and efficient

- Exclusive automation features ensuring process repeatability and required productivity
- Creation of a digital twin of the final printed product
- Ethernet based connectivity to enable remote access to production and process data
- Programmed maintenance
- Downtime tracking and waste management
- Electrical energy consumption measuring and improved efficiency
- Range of BOBST Connected Services

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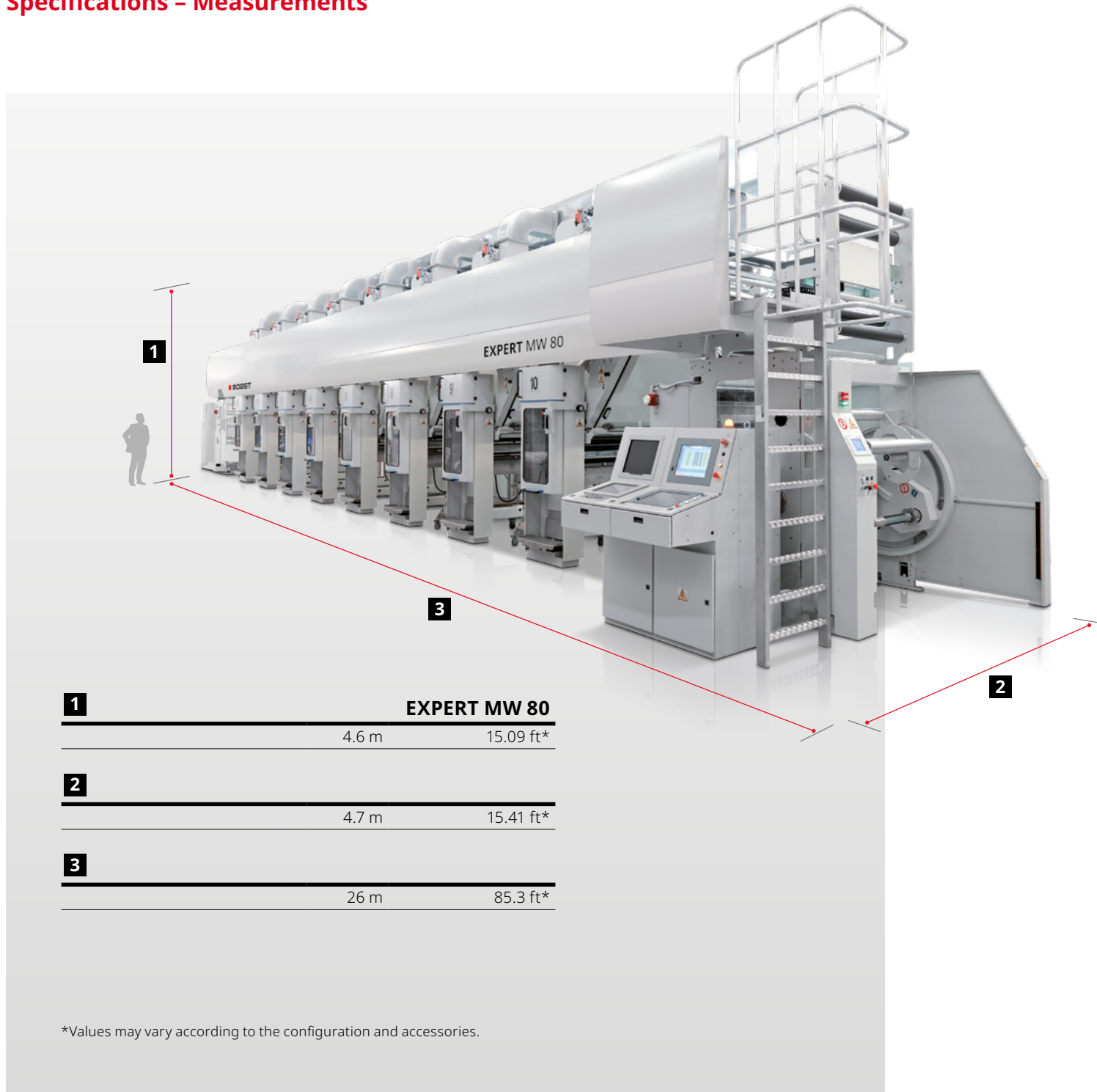
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	EXPERT MW 80	
1	4.6 m	15.09 ft*
2	4.7 m	15.41 ft*
3	26 m	85.3 ft*

*Values may vary according to the configuration and accessories.

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Materials handled

Substrates	Film, laminates, paper, aluminium
Inks	Solvent-based, water-based

Capability

Web width	650 - 850 mm	25.6 - 33.5 in
Printing cylinder repeat	300 - 800 mm	11.8 - 31.5 in
Mechanical speed, max	300 m/min	984 ft/min
Web tension	35 - 350 N	
Standard dryer inside length	2 m	6.6 ft
Heating system	Thermal oil, steam, electricity	

Inline processes

Lamination	Solventless, solvent-based, water-based
Lamination + cold seal	
Lacquering	Solvent-based, water-based, UV, EB
Hot-melt coating	

Products

Flexible packaging

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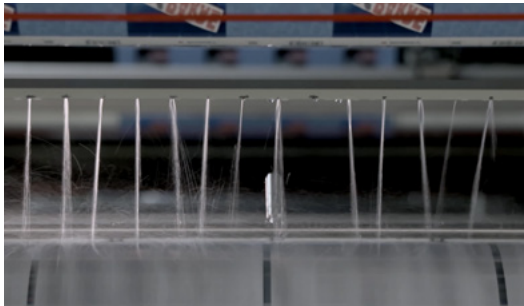
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Related products



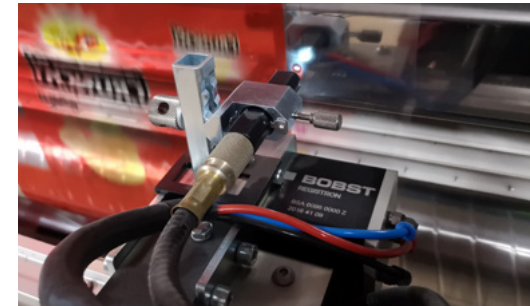
On-board washing

Exclusive on-board washing system. Requiring less operations, it enables a considerable reduction of downtime. Achieving a delta E of < 2 when switching from dark to light inks.



TAPS

Fully automatic pre-register setting system. Perfect machine registration complete in a very short time at the touch of a button with minimum start-up waste. Fast and simple operation regardless of the operator skill.



Registron® register control system

Exceptionally precise and rapid print-to-print register control. Corrections are quickly and precisely done while machine downtime and waste are reduced to a minimum.

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Maintaining excellence

Expert services for all your equipment.
Improve your processes, boost your productivity and enhance your expertise with a complete range of services from BOBST.



Maintain your Investment

- Scheduled maintenance with BOBST certified technicians
- Preventative intervention, maximizing machine uptime
- Optimum performance over the equipment lifetime

[> WATCH VIDEO](#)

Approved parts and logistics

- BOBST Original and Certified parts, and consumables
- Quality assurance, and extended maintenance intervals
- Worldwide distribution, and full availability where and when you need it

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Machine upgrades

- Additional features, configured for your machine
- Enhanced functionality, connectivity and capability
- Future-proofing your investment, maintaining competitive advantage

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Digital age manufacturing happening with BOBST Connect

BOBST Connect is an end-to-end, user-centric digital platform that enhances and increases your packaging productivity. It's designed to help you make the most of the data your machine generates, improving efficiency across your value chain.

As well as exceptional data insights, BOBST Connect helps to orchestrate and improve your whole production process, from your PDF to the finished product and quality report. It brings data and digital services together in one fully connected platform, with machine insights and expertise built in.

All of this is available to you as part of BOBST Connect Essential, the first subscription level that you receive when you purchase a new BOBST machine.



Performance analysis

- Production insights, including interaction of OEE components
- Identify and eliminate performance gaps

Accurate reporting

- Meaningful insights on OEE and downtime
- Accurately measure target speed and quality losses
- Trend analysis over time

Progress indicator

- Highlights extensive production deviations
- Empowers timely interventions

Remote assistance

- Priority access to technical specialists
- Video with Augmented Reality expert support based on real-time data
- Available 24/7 (optional)

Shift management

- Optimize planning time
- Deliver overall resource efficiency

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